

**=> IFW:     Scan as Doc Code: SRNT    <=  
                 Doc Date:**

## **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

---

### **Serial Number:**

**1.) See attached printout of inventors listed in  
PALM**

**2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**

 **PALM INTRANET**Day : Monday  
Date: 5/8/2006  
Time: 11:37:10

## Inventor Information for 10/774914

Inventor Name	City	State/Country
SAKURAI, TOMOHISA	SAGAMIHARA-SHI	JAPAN
HONDA, YOSHITAKA	TOKOROZAWA-SHI	JAPAN
TANAKA, KAZUE	SAGAMIHARA-SHI	JAPAN
ONO, HIROO	TOKYO	JAPAN
TAKAHASHI, HIROYUKI	TOKYO	JAPAN

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity Data](#)[Foreign Data](#)Search Another: Application#  [Search](#) or Patent#  [Search](#)PCT /  /  [Search](#) or PG PUBS #  [Search](#)Attorney Docket #  [Search](#)Bar Code #  [Search](#)

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

US 20060091299 A1	US- PGPUB	20060504	Load sensor, method of detecting load and pedestrian protection system	250/221	250/227.14	Inamoto; Takashi et al.
US 20060083981 A1	US- PGPUB	20060420	Battery can and manufacturing method thereof and battery using the same	429/164	428/681; 428/682; 429/176	Mori; Katsuhiko et al.
US 20060066772 A1	US- PGPUB	20060330	Display apparatus and information terminal	349/60		Takahashi; Hiroyuki et al.
US 20060066769 A1	US- PGPUB	20060330	Electronic apparatus	349/58		Minaguchi; Hiroyuki et al.
US 20060055956 A1	US- PGPUB	20060316	Image processing device, image processing system, job processing method, storage medium, and program	358/1.13		Takahashi; Hiroyuki et al.
US 20060044889 A1	US- PGPUB	20060302	Internal voltage level control circuit and semiconductor memory device as well as method of controlling the same	365/189.11		Takahashi; Hiroyuki et al.
US 20060039220 A1	US- PGPUB	20060223	Semiconductor memory device, test circuit and test method	365/222		Takahashi; Hiroyuki et al.
US 20060039164 A1	US- PGPUB	20060223	Backlight apparatus, and a liquid crystal display (LCD) therewith	362/600		Takahashi; Hiroyoshi
US 20060033956 A1	US- PGPUB	20060216	Image processing apparatus and system and control method therefor, image data processing method, image forming apparatus and control method therefor, controller, and storage medium	358/1.15	358/400	Takahashi; Hiroyuki
US 20050288396 A1	US- PGPUB	20051229	Epoxy resin compositions	523/412		Katayama, Hisashi et al.
US 20050285833 A1	US- PGPUB	20051229	Display device	345/87		Yarita, Katsuhiko et al.

US 20050267797 A1	US- PGPUB	20051201	Job processing method, recording medium, program and system	705/11	705/1	Takahashi, Hiroyuki et al.
US 20050265086 A1	US- PGPUB	20051201	Semiconductor storage device	365/189.05		Takano, Susumu et al.
US 20050255900 A1	US- PGPUB	20051117	Storage medium storing game program and game apparatus	463/3		Takahashi, Hiroyuki et al.
US 20050255899 A1	US- PGPUB	20051117	Game system and storage medium for storing game program	463/3		Takahashi, Hiroyuki et al.
US 20050237848 A1	US- PGPUB	20051027	Semiconductor memory device and semiconductor device and semiconductor memory device control method	365/232		Takahashi, Hiroyuki et al.
US 20050232050 A1	US- PGPUB	20051020	Refresh operation type semiconductor memory device capable of smoothly transferring special state to normal active state and its driving method	365/222		Takahashi, Hiroyuki et al.
US 20050229077 A1	US- PGPUB	20051013	Semiconductor storage device	714/758		Takahashi, Hiroyuki
US 20050227494 A1	US- PGPUB	20051013	Processing system and method for treating a substrate	438/706	257/E21.252; 257/E21.525; 438/14; 438/710; 438/714	Higuchi, Fumihiko et al.
US 20050225346 A1	US- PGPUB	20051013	Cooling fin connected to a cooling unit and a pusher of the testing apparatus	324/760		Saito, Noboru et al.
US 20050220713 A1	US- PGPUB	20051006	Masticatory function test wax cube, and method and apparatus for producing the same	424/9.6	424/49	Ohyama, Takashi et al.
US 20050219930 A1	US- PGPUB	20051006	Semiconductor storage device	365/222		Takahashi, Hiroyuki et al.
US 20050218494 A1	US- PGPUB	20051006	Semiconductor device, a method of manufacturing the same and an electronic device	257/678	257/E21.504; 257/E23.044; 257/E23.046; 257/E23.124	Satou, Yukihiro et al.
US	US-	20050929	Semiconductor memory	711/145		Takahashi,

20050216676 A1	PGPUB		device and method of entry of operation modes thereof			Hiroyuki et al.
US 20050211383 A1	US- PGPUB	20050929	Magnetron plasma-use magnetic field generation device	156/345.46		Miyata, Koji et al.
US 20050207252 A1	US- PGPUB	20050922	Semiconductor storage device, test method therefor, and test circuit therefor	365/222		Takahashi, Hiroyuki et al.
US 20050207214 A1	US- PGPUB	20050922	Semiconductor memory device	365/154		Takahashi, Hiroyuki et al.
US 20050205877 A1	US- PGPUB	20050922	Display device having driving circuit	257/79		Takahashi, Hiroyuki et al.
US 20050187539 A1	US- PGPUB	20050825	Electric operation system	606/1	606/27; 606/34	Takahashi, Hiroyuki
US 20050181680 A1	US- PGPUB	20050818	Semiconductor device	439/762		Takahashi, Hiroyuki et al.
US 20050172692 A1	US- PGPUB	20050811	Method of bending pipe and apparatus therefor	72/369		Takahashi, Hiroyuki et al.
US 20050168243 A1	US- PGPUB	20050804	Buffer circuit, buffer tree, and semiconductor device	326/83		Takahashi, Hiroyuki et al.
US 20050162960 A1	US- PGPUB	20050728	Semiconductor integrated circuit device	365/222		Takahashi, Hiroyuki
US 20050153823 A1	US- PGPUB	20050714	Centrifugal separator	494/7	494/10	Fujimaki, Takahiro et al.
US 20050152201 A1	US- PGPUB	20050714	Semiconductor memory device and control method thereof	365/222		Takahashi, Hiroyuki
US 20050141890 A1	US- PGPUB	20050630	Camera system	396/246		Ohkura, Tadahisa et al.
US 20050128521 A1	US- PGPUB	20050616	Information processing apparatus for displaying data related to an image forming apparatus, and information processing method therefor	358/1.15		Takahashi, Hiroyuki
US 20050105380	US- PGPUB	20050519	Semiconductor memory device and control	365/233		Takahashi, Hiroyuki et al.

A1			method thereof			
US 20050105135 A1	US- PGPUB	20050519	Image forming apparatus	358/1.18	358/1.14	Takahashi, Hiroyuki
US 20050105129 A1	US- PGPUB	20050519	Image forming apparatus, image processing system, method of processing a job, method of controlling a job, and computer readable storage medium including computer- executable instructions	358/1.15	358/402	Takahashi, Hiroyuki
US 20050101945 A1	US- PGPUB	20050512	Treating apparatus and treating device for treating living-body tissue	606/29	606/171; 606/31	Sakurai, Tomohisa et al.
US 20050094513 A1	US- PGPUB	20050505	Optical information recording apparatus	369/47.5	369/47.32; 369/53.31	Takata, Shinichi et al.
US 20050089752 A1	US- PGPUB	20050428	Surface treated steel sheet for battery case, battery case and battery using the case	429/176	428/680; 428/681	Ohmura, Hitoshi et al.
US 20050080403 A1	US- PGPUB	20050414	Operation system	606/1	606/27; 606/34	Takahashi, Hiroyuki
US 20050079064 A1	US- PGPUB	20050414	Centrifuge	417/42	415/63; 417/572; 417/63	Shimizu, Takahiro et al.
US 20050075545 A1	US- PGPUB	20050407	Method and apparatus for detecting a control switch for medical equipment	600/301		Honda, Yoshitaka et al.
US 20050070800 A1	US- PGPUB	20050331	Ultrasonic surgical system, and abnormality detection method and abnormality detection program for ultrasonic surgical system	600/459		Takahashi, Hiroyuki
US 20050052340 A1	US- PGPUB	20050310	Display device	345/1.3		Goto, Mitsuru et al.
US 20050049525 A1	US- PGPUB	20050303	Ultrasonic treatment device and ultrasonic treatment system	601/2		Yamada, Norihiro et al.
US	US-	20050303	Switch control	600/118	600/104	Honda,

20050049458 A1	PGPUB		apparatus for controlling functions of a switch by displaying information relating to the switch controlling a plurality of medical devices			Yoshitaka et al.
US 20050047810 A1	US- PGPUB	20050303	Fixing controller, image forming apparatus, and fixing control method	399/69		Nagatsuma, Tohru et al.
US 20050047239 A1	US- PGPUB	20050303	Semiconductor storage device and refresh control method thereof	365/222		Takahashi, Hiroyuki et al.
US 20050043828 A1	US- PGPUB	20050224	Control device for a medical system and control method for medical system	700/83	700/17	Tanaka, Kazue et al.
US 20050041520 A1	US- PGPUB	20050224	Semiconductor memory device	365/233		Takahashi, Hiroyuki et al.
US 20050040816 A1	US- PGPUB	20050224	Variable reluctance-type resolver	324/207.25		Ando, Katsuaki et al.
US 20050033314 A1	US- PGPUB	20050210	Calculus manipulation apparatus	606/127		Sakurai, Tomohisa et al.
US 20050033201 A1	US- PGPUB	20050210	Ultrasonic surgical system	601/2		Takahashi, Hiroyuki et al.
US 20050027310 A1	US- PGPUB	20050203	Ultrasonic treatment apparatus	606/169	606/171	Yamada, Norihiro et al.
US 20050021065 A1	US- PGPUB	20050127	Ultrasonic treatment apparatus	606/169		Yamada, Norihiro et al.
US 20050020967 A1	US- PGPUB	20050127	Ultrasonic surgical system and probe	604/22	606/169	Ono, Hiroo
US 20050018228 A1	US- PGPUB	20050127	Image formation system	358/1.9		Takahashi, Hiroyuki
US 20050012740 A1	US- PGPUB	20050120	Image processing apparatus and image processing program	345/419		Takahashi, Hiroyuki et al.
US 20050012698 A1	US- PGPUB	20050120	Drive method and drive device of a light emitting display panel	345/77		Takahashi, Hiroyuki
US 20050007851	US- PGPUB	20050113	Semiconductor storage device	365/222		Takahashi, Hiroyuki et al.

A1						
US 20050004589 A1	US- PGPUB	20050106	Ultrasound treatment system	606/169		Okada, Mitsumasa et al.
US 20040254510 A1	US- PGPUB	20041216	Finger-pressure substitutive stimulator	601/135	606/204	Takahashi, Hiroyoshi
US 20040249318 A1	US- PGPUB	20041209	Ultrasonic surgical apparatus	601/2		Tanaka, Kazue
US 20040240288 A1	US- PGPUB	20041202	Semiconductor memory device and control method thereof	365/202		Takahashi, Hiroyuki
US 20040239667 A1	US- PGPUB	20041202	Image display device	345/212		Takahashi, Hiroyuki
US 20040238125 A1	US- PGPUB	20041202	Plasma processing device	156/345.46		Ono, Hiroo et al.
US 20040237023 A1	US- PGPUB	20041125	Memory device and memory error correction method	714/768		Takahashi, Hiroyuki et al.
US 20040236361 A1	US- PGPUB	20041125	Ultrasonic surgical system	606/167		Sakurai, Tomohisa
US 20040232451 A1	US- PGPUB	20041125	Semiconductor storage device	257/222		Takahashi, Hiroyuki et al.
US 20040218435 A1	US- PGPUB	20041104	Semiconductor memory device	365/200		Takahashi, Hiroyuki et al.
US 20040215131 A1	US- PGPUB	20041028	Ultrasonic surgical system	604/35		Sakurai, Tomohisa
US 20040214623 A1	US- PGPUB	20041028	Video game device and storage medium storing video game program	463/2		Takahashi, Hiroyuki et al.
US 20040190057 A1	US- PGPUB	20040930	Image forming system, method and program of controlling image forming system, and storage medium	358/1.15		Takahashi, Hiroyuki et al.
US 20040185583 A1	US- PGPUB	20040923	Method of operating a system for chemical oxide removal	438/8	257/E21.038; 257/E21.252; 257/E21.525; 700/121	Tomoyasu, Masayuki et al.
US 20040184298	US- PGPUB	20040923	Semiconductor memory device	365/62		Takahashi, Hiroyuki et al.



A1						
US 20040180709 A1	US- PGPUB	20040916	Game apparatus and recording medium having game program recorded therein	463/3		Takahashi, Hiroyuki et al.
US 20040180511 A1	US- PGPUB	20040916	Soi wafer producing method, and wafer separating jig	438/455	438/458	Aga, Hiroji et al.
US 20040176717 A1	US- PGPUB	20040909	Ultrasound puncture system	604/22	606/159	Honda, Yoshitaka et al.
US 20040176165 A1	US- PGPUB	20040909	Game machine, game program, and information storage medium	463/36		Takahashi, Hiroyuki et al.
US 20040170532 A1	US- PGPUB	20040902	Reagent vessel cap and method for collecting reagent	422/99		Takahashi, Hiroyuki et al.
US 20040170081 A1	US- PGPUB	20040902	Semiconductor memory	365/233.5		Takahashi, Hiroyuki et al.
US 20040169876 A1	US- PGPUB	20040902	Image formation system	358/1.12	358/1.13	Takahashi, Hiroyuki
US 20040169289 A1	US- PGPUB	20040902	Semiconductor device, a method of manufacturing the same and an electronic device	257/780	257/E21.504; 257/E23.044; 257/E23.046; 257/E23.124	Satou, Yukihiro et al.
US 20040162509 A1	US- PGPUB	20040819	Ultrasonic operation apparatus for performing follow-up control of resonance frequency drive of ultrasonic oscillator by digital PLL system using DDS (DIRECT DIGITAL SYNTHESIZER)	601/2		Sakurai, Tomohisa et al.
US 20040158671 A1	US- PGPUB	20040812	Semiconductor storage device	711/106	711/167	Takahashi, Hiroyuki et al.
US 20040140947 A1	US- PGPUB	20040722	Display device	345/1.1		Tsuyuki, Takashi et al.
US 20040138594 A1	US- PGPUB	20040715	Endoscopic lithotripsy apparatus and lithotripsy method of treatment object using the	601/4		Sekino, Naomi et al.

			apparatus			
US 20040133189 A1	US- PGPUB	20040708	Surgical operation apparatus and control method thereof	606/1	606/34	Sakurai, Tomohisa
US 20040130958 A1	US- PGPUB	20040708	Semiconductor memory device	365/222		Takahashi, Hiroyuki et al.
US 20040127033 A1	US- PGPUB	20040701	Plasma processing device and plasma processing method	438/689		Takatsuki, Koichi et al.
US 20040126278 A1	US- PGPUB	20040701	Reagent vessel cap and method for shielding reagent from the air	422/99		Takahashi, Hiroyuki et al.
US 20040125684 A1	US- PGPUB	20040701	Semiconductor memory device and address conversion circuit	365/232		Takahashi, Hiroyuki
US 20040116952 A1	US- PGPUB	20040617	Surgical apparatus permitting recharge of battery-driven surgical instrument in noncontact state	606/169		Sakurai, Tomohisa et al.
US 20040114446 A1	US- PGPUB	20040617	Semiconductor memory	365/222	365/200	Takahashi, Hiroyuki et al.
US 20040108694 A1	US- PGPUB	20040610	Head-protection airbag device	280/730.2		Takahashi, Hiroyuki
US 20040102709 A1	US- PGPUB	20040527	Ultrasonic operation apparatus for detecting initial resonance frequency and for shifting to PLL operation	600/459		Tanaka, Kazue
US 20040096634 A1	US- PGPUB	20040520	Wiring board and process of producing the same	428/210	257/E23.009; 257/E23.062; 428/209; 428/325; 428/469; 428/689	Taga, Shigeru et al.
US 20040095591 A1	US- PGPUB	20040520	Image processing apparatus and method	358/1.9	358/504; 358/519; 358/523	Takahashi, Hiroyuki
US 20040081006 A1	US- PGPUB	20040429	Semiconductor memory device and control method thereof	365/200		Takahashi, Hiroyuki
US 20040080993 A1	US- PGPUB	20040429	Semiconductor memory and method for entering its operation mode	365/200		Takahashi, Hiroyuki et al.
US 20040080145	US- PGPUB	20040429	Head-protection airbag device	280/730.2		Takahashi, Hiroyuki

A1						
US 20040079968 A1	US- PGPUB	20040429	Semiconductor memory device and control method thereof	257/200		Takahashi, Hiroyuki
US 20040076054 A1	US- PGPUB	20040422	Semiconductor memory device having mode storing one bit data in two memory cells and method of controlling same	365/200		Takahashi, Hiroyuki
US 20040070416 A1	US- PGPUB	20040415	Device testing apparatus	324/760		Saito, Noboru et al.
US 20040063006 A1	US- PGPUB	20040401	Optical memory device and process for operating the same	430/19	369/101; 369/108; 430/270.15; 430/270.16; 430/332; 430/334; 430/945	Takahashi, Hiroyuki et al.
US 20040041173 A1	US- PGPUB	20040304	Semiconductor storage and its refreshing method	257/200		Takahashi, Hiroyuki et al.
US 20040036507 A1	US- PGPUB	20040226	Semiconductor integrated circuit having logic circuit comprising transistors with lower threshold voltage values and improved pattern layout	326/112		Takano, Susumu et al.
US 20040032772 A1	US- PGPUB	20040219	Semiconductor memory, method for controlling refreshment of it, and method for setting memory cell array specific ara for realizing the control method	365/202		Takahashi, Hiroyuki W.
US 20040032769 A1	US- PGPUB	20040219	Semiconductor storage device and controlling method therefor	365/200		Takahashi, Hiroyuki et al.
US 20040027898 A1	US- PGPUB	20040212	Semiconductor memory device and its test method as well as test circuit	365/222		Takahashi, Hiroyuki et al.
US 20040027876 A1	US- PGPUB	20040212	Semiconductor memory device and refresh control circuit	365/200		Takahashi, Hiroyuki et al.
US 20040023778 A1	US- PGPUB	20040205	Rotor driving apparatus	494/10	494/13; 494/14; 494/82	Kusumoto, Shoji et al.

US 20040019347 A1	US- PGPUB	20040129	Surgical operation system	606/27		Sakurai, Tomohisa et al.
US 20040015640 A1	US- PGPUB	20040122	Internal voltage level control circuit, semiconductor storage, and method for controlling them	711/1		Takahashi, Hiroyuki et al.
US 20040013021 A1	US- PGPUB	20040122	BUS INTERFACE CIRCUIT AND RECEIVER CIRCUIT	365/203	365/189.05	Takahashi, Hiroyuki et al.
US 20040012412 A1	US- PGPUB	20040122	Buffer circuit, buffer tree, and semiconductor device	326/86		Takahashi, Hiroyuki et al.
US 20040010267 A1	US- PGPUB	20040115	Calculus treatment apparatus	606/128		Nakamura, Takeaki et al.
US 20040010246 A1	US- PGPUB	20040115	Surgery system	606/1		Takahashi, Hiroyuki
US 20030216206 A1	US- PGPUB	20031120	Pulley	474/170	474/161; 474/174; 474/178	Takahashi, Hiroyuki et al.
US 20030210215 A1	US- PGPUB	20031113	Liquid crystal display device and driving method therefor	345/87		Takahashi, Hiroyuki
US 20030201958 A1	US- PGPUB	20031030	Liquid crystal display device	345/87		Takahashi, Hiroyuki et al.
US 20030199794 A1	US- PGPUB	20031023	Ultrasonic operating apparatus	601/2		Sakurai, Tomohisa et al.
US 20030199793 A1	US- PGPUB	20031023	Ultrasonic operation apparatus for performing follow-up control of resonance frequency drive of ultrasonic oscillator by digital PLL system using DDS ( direct digital synthesizer)	601/2		Sakurai, Tomohisa et al.
US 20030189859 A1	US- PGPUB	20031009	Timer circuit and semiconductor memory incorporating the timer circuit	365/200		Takahashi, Hiroyuki et al.
US 20030184644 A1	US- PGPUB	20031002	Image display medium, process for forming image, and multicolor	347/224	399/177	Takahashi, Hiroyuki et al.

			image-forming apparatus			
US 20030178572 A1	US- PGPUB	20030925	Microstrip gas chamber	250/385.1		Takahashi, Hiroyuki
US 20030151964 A1	US- PGPUB	20030814	Semiconductor memory and control method	365/204	365/176	Takahashi, Hiroyuki et al.
US 20030123258 A1	US- PGPUB	20030703	Backlight apparatus, and a liquid crystal display (LCD) therewith	362/373	362/27; 362/614	Nitto, Eiji et al.
US 20030122566 A1	US- PGPUB	20030703	IC chip tester with heating element for preventing condensation	324/760		Takahashi, Hiroyuki et al.
US 20030121710 A1	US- PGPUB	20030703	Hood structure of motor vehicle	180/274	180/69.21; 280/730.1	Hamada, Makoto et al.
US 20030112673 A1	US- PGPUB	20030619	Semiconductor integrated circuit having logic circuit comprising transistors with lower threshold voltage values and improved pattern layout	365/200		Takano, Susumu et al.
US 20030112668 A1	US- PGPUB	20030619	Semiconductor storage device	365/200		Takahashi, Hiroyuki et al.
US 20030102087 A1	US- PGPUB	20030605	Plasma processing apparatus and processing method	156/345.46	118/723E	Ito, Youbun et al.
US 20030090954 A1	US- PGPUB	20030515	One-shot signal generating circuit	365/233.5		Takahashi, Hiroyuki et al.
US 20030089489 A1	US- PGPUB	20030515	Heat transfer tube for falling film type evaporator	165/115	165/179	Tada, Yoshio et al.
US 20030081436 A1	US- PGPUB	20030501	Internal voltage step-down circuit	363/62		Takahashi, Hiroyuki et al.
US 20030073987 A1	US- PGPUB	20030417	Treating apparatus and treating device for treating living-body tissue	606/28	606/48; 606/51	Sakurai, Tomohisa et al.
US 20030063512 A1	US- PGPUB	20030403	Semiconductor storage device	365/222	365/189.01	Takahashi, Hiroyuki et al.
US 20030063080	US- PGPUB	20030403	Display device having driving circuit	345/211		Takahashi, Hiroyuki et al.

A1						
US 20030062814 A1	US- PGPUB	20030403	Light source device, method of producing the same, and display apparatus	313/46		Kobayashi, Tetsuya et al.
US 20030062208 A1	US- PGPUB	20030403	Hood airbag assembly	180/274		Hamada, Makoto et al.
US 20030058205 A1	US- PGPUB	20030327	Display device	345/87	345/103	Yarita, Katsuhiko et al.
US 20030045887 A1	US- PGPUB	20030306	Ultrasonic calculus treatment apparatus	606/128		Sakurai, Tomohisa et al.
US 20030011551 A1	US- PGPUB	20030116	Liquid crystal display device	345/87		Takahashi, Hiroyuki et al.
US 20020196621 A1	US- PGPUB	20021226	Circular fluorescent lamp unit and lighting apparatus	362/216		Imanishi, Otokazu et al.
US 20020196058 A1	US- PGPUB	20021226	Low-amplitude driver circuit	327/108		Takahashi, Hiroyuki
US 20020183184 A1	US- PGPUB	20021205	Centrifugal separator	494/10		Takahashi, Hiroyuki et al.
US 20020181777 A1	US- PGPUB	20021205	Image processing method, image processing system and program	382/202		Sumikawa, Michitoshi et al.
US 20020181301 A1	US- PGPUB	20021205	Semiconductor storage and method for testing the same	365/200		Takahashi, Hiroyuki et al.
US 20020156466 A1	US- PGPUB	20021024	Surgical system	606/1	606/169	Sakurai, Tomohisa et al.
US 20020118972 A1	US- PGPUB	20020829	Camera system having a communication system between a camera body and a photographing lens	396/532		Uenaka, Yukio et al.
US 20020118968 A1	US- PGPUB	20020829	Electric power control device for camera	396/277	396/301	Takahashi, Hiroyuki
US 20020118963 A1	US- PGPUB	20020829	Camera system having a communication system between a camera body and a photographing	396/7		Uenaka, Yukio et al.

			lens			
US 20020115917 A1	US- PGPUB	20020822	Medical treatment system	600/301		Honda, Yoshitaka et al.
US 20020114625 A1	US- PGPUB	20020822	Camera system having a communication system between a camera body and a photographing lens	396/303		Uenaka, Yukio et al.
US 20020109518 A1	US- PGPUB	20020815	Device testing apparatus	324/760	324/765	Saito, Noboru et al.
US 20020107538 A1	US- PGPUB	20020808	Ultrasonic operation system	606/169		Shibata, Norikiyo et al.
US 20020105174 A1	US- PGPUB	20020808	Head protecting air bag device	280/730.2		Tanase, Toshinori et al.
US 20020101066 A1	US- PGPUB	20020801	Head protection air bag system	280/730.2		Tanase, Toshinori et al.
US 20020097209 A1	US- PGPUB	20020725	Liquid crystal display device	345/87		Takahashi, Hiroyuki et al.
US 20020096863 A1	US- PGPUB	20020725	Head protection air bag device	280/730.2		Tanase, Toshinori et al.
US 20020084835 A1	US- PGPUB	20020704	Semiconductor device with reduced leakage of current	327/544		Takahashi, Hiroyuki
US 20020080666 A1	US- PGPUB	20020627	Semiconductor memory device	365/200		Takahashi, Hiroyuki et al.
US 20020054314 A1	US- PGPUB	20020509	Color image processing method and apparatus, and storage medium	358/1.13		Takahashi, Hiroyuki
US 20020052847 A1	US- PGPUB	20020502	Information providing system	705/51	705/1	Shioda, Takehiko et al.
US 20020042334 A1	US- PGPUB	20020411	Centrifuge	494/10	494/7	Tetsu, Kenichi et al.
US 20020041524 A1	US- PGPUB	20020411	Semiconductor integrated circuit	365/189.08		Takahashi, Hiroyuki et al.
US 20020040987 A1	US- PGPUB	20020411	Semiconductor device	257/262	257/E27.06	Takahashi, Hiroyuki

US 20020038948 A1	US- PGPUB	20020404	GAS GENERATING DEVICE FOR AIR BAG AND AIR BAG INFLATING METHOD	280/736	280/741	YAMAMORI, KIYOSHI et al.
US 20020027198 A1	US- PGPUB	20020307	Method and apparatus for charged particle beam exposure	250/307		Nagata, Koji et al.
US 20020024864 A1	US- PGPUB	20020228	SENSE AMPLIFIER CIRCUIT AND SEMICONDUCTOR STORAGE DEVICE	365/207		Sudo, Naoaki et al.
US 20020024362 A1	US- PGPUB	20020228	Logic circuit with single charge pulling out transistor and semiconductor integrated circuit using the same	326/110		Takahashi, Hiroyuki et al.
US 20020024203 A1	US- PGPUB	20020228	Head-protection airbag device	280/730.2		Takahashi, Hiroyuki
US 20020021839 A1	US- PGPUB	20020221	Image processing method, relative density detecting method and image processing apparatus	382/194		Takahashi, Hiroyasu
US 20020021159 A1	US- PGPUB	20020221	Delay circuit and method	327/283		Takahashi, Hiroyuki
US 20020011863 A1	US- PGPUB	20020131	IC chip tester with heating element for preventing condensation	324/760		Takahashi, Hiroyuki et al.
US 20020011726 A1	US- PGPUB	20020131	Seat belt guide	280/801.1		Izume, Tomoharu et al.
US 20020004267 A1	US- PGPUB	20020110	Sense amplifier circuit and semiconductor storage device	438/201		Sudo, Naoaki et al.
US 20010055430 A1	US- PGPUB	20011227	APPARATUS AND METHOD FOR PROCESSING IMAGE	382/284		TAKAHASHI, HIROYUKI et al.
US 20010054886 A1	US- PGPUB	20011227	Input circuit and output circuit	323/282		Takahashi, Hiroyuki et al.
US 20010050732 A1	US- PGPUB	20011213	Liquid crystal display device having small picture frame region	349/58		Okamoto, Kazuhiro et al.
US 20010040469	US- PGPUB	20011115	LOGIC CIRCUIT WITH SINGLE	326/110		TAKAHASHI, HIROYUKI et



A1			CHARGE PULLING OUT TRANSISTOR AND SEMICONDUCTOR INTEGRATED CIRCUIT USING THE SAME			al.
US 20010039389 A1	US- PGPUB	20011108	Ultrasonic operation apparatus for performing follow-up control of resonance frequency drive of ultrasonic oscillator by digital PLL system using DDS (direct digital synthesizer)	601/2		Sakurai, Tomohisa et al.
US 20010032935 A1	US- PGPUB	20011025	Multi-grid type microstrip gas chamber	250/385.1	250/374	Takahashi, Hiroyuki
US 20010029315 A1	US- PGPUB	20011011	Surgical operation system	600/101	606/34	Sakurai, Tomohisa et al.
US 20010024382 A1	US- PGPUB	20010927	Semiconductor memory device	365/189.01	365/154; 365/189.05; 365/189.12; 365/193	Shimoyama, Takato et al.
US 20010015659 A1	US- PGPUB	20010823	Logic circuit	326/112		Sato, Fumihiko et al.
US 20010005246 A1	US- PGPUB	20010628	LIQUID CRYSTAL DISPLAY DEVICE	349/117	349/123; 349/175; 349/181	TAKIGUCHI, YASUYUKI et al.
US 20010005148 A1	US- PGPUB	20010628	Semiconductor intergrated circuit having logic circuit comprising transistors with lower threshold voltage values and improved pattern layout	326/112		Takano, Susumu et al.
US 7042266 B2	USPAT	20060509	Delay circuit and method	327/288	327/284	Takahashi; Hiroyuki
US 7035154 B2	USPAT	20060425	Semiconductor memory device and its test method as well as test circuit	365/201	365/222; 365/230.03	Takahashi; Hiroyuki et al.
US 7030607 B2	USPAT	20060418	Variable reluctance-type resolver	324/207.25		Ando; Katsuaki et al.
US 7029833	USPAT	20060418	Image display medium,	430/333	430/19; 430/334;	Takahashi;

B2			process for forming image, and multicolor image-forming apparatus		430/335; 430/339; 430/962	Hiroyuki et al.
US 7023771 B2	USPAT	20060404	Optical information recording apparatus	369/47.5	369/47.32; 369/53.31	Takata; Shinichi et al.
US 7023747 B2	USPAT	20060404	Semiconductor memory device and address conversion circuit	365/200	365/222; 365/230.03	Takahashi; Hiroyuki
US 7023434 B2	USPAT	20060404	Image processing apparatus and image processing program	345/419	345/474; 345/582; 345/633	Takahashi; Hiroyuki et al.
US 7015632 B2	USPAT	20060321	Light source device, method of producing the same, and display apparatus	313/42	313/46; 313/49; 313/625; 362/218; 362/264; 362/373	Kobayashi; Tetsuya et al.
US 7006401 B2	USPAT	20060228	Semiconductor storage device and refresh control method thereof	365/222	365/189.04	Takahashi; Hiroyuki et al.
US 7005112 B1	USPAT	20060228	Thermal decomposer for waste	422/186.21	219/69.1	Takahashi; Hiroyuki et al.
US 7002868 B2	USPAT	20060221	High-speed, two-port dynamic random access memory (DRAM) with a late-write configuration	365/222	365/149; 365/189.04; 365/189.05; 365/230.05; 365/230.08	Takahashi; Hiroyuki
US 7002854 B2	USPAT	20060221	Internal voltage level control circuit and semiconductor memory device as well as method of controlling the same	365/189.09	365/226	Takahashi; Hiroyuki et al.
US 6998329 B2	USPAT	20060214	SOI wafer producing method, and wafer separating jig	438/458	414/935	Aga; Hiroji et al.
US 6992385 B2	USPAT	20060131	Semiconductor device, a method of manufacturing the same and an electronic device	257/735	257/666; 257/667	Satou; Yukihiro et al.
US 6985629 B2	USPAT	20060110	Image processing method, relative density detecting method and image processing apparatus	382/225	358/2.1; 382/307	Takahashi; Hiroyasu
US 6985245 B1	USPAT	20060110	Image processing apparatus and system and control method therefor, image data	358/1.15	358/1.11; 358/1.9	Takahashi; Hiroyuki

			processing method, image forming apparatus and control method therefor, controller therefor, and storage medium storing the control method for processing image data having different printing attributes			
US 6977859 B2	USPAT	20051220	Semiconductor memory device and control method thereof	365/222	365/233	Takahashi; Hiroyuki
US 6973522 B1	USPAT	20051206	Microcomputer with program-revision ability	710/269	712/220; 714/726; 714/8	Takahashi; Hiroyuki
US 6960001 B2	USPAT	20051101	Backlight apparatus, and a liquid crystal display (LCD) therewith	362/218	362/225; 362/260; 362/373	Nitto; Eiji et al.
US 6956548 B2	USPAT	20051018	Display device	345/87	349/149	Yarita; Katsuhiko et al.
US 6953424 B2	USPAT	20051011	Rotor driving apparatus with temperature adjustment of elastic supporting portion	494/10	494/13; 494/14; 494/16; 494/82	Kusumoto; Shoji et al.
US 6947345 B2	USPAT	20050920	Semiconductor memory device	365/222	365/229	Takahashi; Hiroyuki et al.
US 6944081 B2	USPAT	20050913	Semiconductor storage and its refreshing method	365/222	365/230.03; 365/230.06	Takahashi; Hiroyuki et al.
US 6938715 B2	USPAT	20050906	Hood structure of motor vehicle	180/274	180/69.21; 280/730.1	Hamada; Makoto et al.
US 6933750 B2	USPAT	20050823	Buffer circuit, buffer tree, and semiconductor device	326/82	326/83; 326/86	Takahashi; Hiroyuki et al.
US 6933506 B2	USPAT	20050823	Microstrip gas chamber	250/385.1	250/336.1; 250/374	Takahashi; Hiroyuki
US 6930945 B2	USPAT	20050816	Semiconductor memory device and control method thereof	365/222	365/233	Takahashi; Hiroyuki
US 6929575 B2	USPAT	20050816	Pulley	474/161	474/152	Takahashi; Hiroyuki et al.
US 6928020 B2	USPAT	20050809	Semiconductor memory device	365/222	365/189.01; 365/230.01; 365/230.08	Takahashi; Hiroyuki et al.
US 6925016 B2	USPAT	20050802	Semiconductor memory and method for entering its operation mode	365/189.07	365/189.05; 365/189.12; 365/230.06;	Takahashi; Hiroyuki et al.

					365/230.08	
US 6922371 B2	USPAT	20050726	Semiconductor storage device	365/227	365/222; 365/229	Takahashi; Hiroyuki et al.
US 6919734 B2	USPAT	20050719	Cooling fin connected to a cooling unit and a pusher of the testing apparatus	324/760	324/754	Saito; Noboru et al.
US 6913282 B2	USPAT	20050705	Head-protection airbag device	280/730.2	280/742	Takahashi; Hiroyuki
US 6913281 B2	USPAT	20050705	Head-protection airbag device	280/730.2	280/740; 280/742	Takahashi; Hiroyuki
US 6912059 B1	USPAT	20050628	Image formation system	358/1.15	358/515	Takahashi; Hiroyuki
US 6903717 B2	USPAT	20050607	Display device having driving circuit	345/100	345/211; 349/149	Takahashi; Hiroyuki et al.
US 6898142 B2	USPAT	20050524	Semiconductor memory, method for controlling refreshment of it, and method for setting memory cell array specific area for realizing the control method	365/222	365/229; 365/230.06	Takahashi; Hiroyuki
US 6896953 B2	USPAT	20050524	Wiring board and process of producing the same	428/210	174/258; 257/E23.009; 257/E23.062	Taga; Shigeru et al.
US 6879537 B2	USPAT	20050412	Semiconductor storage device having a plurality of operation modes	365/222	365/189.09; 365/233; 365/236	Takahashi; Hiroyuki et al.
US 6876592 B2	USPAT	20050405	Semiconductor memory device	365/222	365/195; 365/233.5	Takahashi; Hiroyuki et al.
US 6864991 B1	USPAT	20050308	Information processing apparatus for displaying data related to image forming apparatus, and information processing method therefor	358/1.15	710/19; 710/20	Takahashi; Hiroyuki
US 6856566 B2	USPAT	20050215	Timer circuit and semiconductor memory incorporating the timer circuit	365/222	365/211; 365/233	Takahashi; Hiroyuki et al.
US 6850449 B2	USPAT	20050201	Semiconductor memory device having mode storing one bit data in two memory cells and method of controlling same	365/222	365/194; 365/205	Takahashi; Hiroyuki
US 6834020	USPAT	20041221	Semiconductor storage	365/222	365/189.01;	Takahashi;

B2			device		365/230.01; 365/230.08	Hiroyuki et al.
US 6834004 B2	USPAT	20041221	Semiconductor integrated circuit having logic circuit comprising transistors with lower threshold voltage values and improved pattern layout	365/51	326/105; 326/87; 365/63	Takano; Susumu et al.
US 6831484 B2	USPAT	20041214	Semiconductor integrated circuit having logic circuit comprising transistors with lower threshold voltage values and improved pattern layout	326/121	326/119	Takano; Susumu et al.
US 6827170 B2	USPAT	20041207	Hood airbag assembly	180/274		Hamada; Makoto et al.
US 6820893 B2	USPAT	20041123	Head protection air bag device	280/730.2	280/743.1	Tanase; Toshinori et al.
US 6813212 B2	USPAT	20041102	Semiconductor memory device and refresh control circuit	365/222	365/233.5	Takahashi; Hiroyuki et al.
US 6809989 B2	USPAT	20041026	Semiconductor storage device	365/230.08	365/233; 365/233.5	Takahashi; Hiroyuki et al.
US RE38602 E	USPAT	20040928	Optical recording medium and method for setting power of laser beam	369/47.53	369/116	Takahashi; Hiroyuki
US 6798895 B1	USPAT	20040928	Character string extraction and image processing methods and apparatus	382/101	382/177; 382/180; 382/190	Takahashi; Hiroyasu
US 6789919 B2	USPAT	20040914	Circular fluorescent lamp unit and lighting apparatus	362/216	313/573; 313/634	Imanishi; Otokazu et al.
US 6768370 B2	USPAT	20040727	Internal voltage step-down circuit	327/540		Takahashi; Hiroyuki et al.
US 6767513 B1	USPAT	20040727	Method of treating exhaust gases containing halogen based compound	422/122	422/4; 423/240S; 423/241; 95/131; 95/132	Omi; Tadahiro et al.
US 6766111 B2	USPAT	20040720	Camera system having a communication system between a camera body and a photographing lens	396/91	396/236; 396/532	Uenaka; Yukio et al.
US 6764575	USPAT	20040720	Magnetron plasma	156/345.46	118/723E;	Yamasaki;

B1			processing apparatus		118/723MA; 118/723MR; 118/723R; 156/345.42; 156/345.49; 204/298.16; 204/298.37	Tomomi et al.
US 6764437 B2	USPAT	20040720	Centrifuge with rotor having identification elements arranged along the circumference of a circle whose center coincides with the rotor's axis of rotation	494/10	494/7	Tetsu; Kenichi et al.
US 6761698 B2	USPAT	20040713	Ultrasonic operation system	601/2	600/439; 604/22; 606/1; 606/169	Shibata; Norikiyo et al.
US 6761690 B2	USPAT	20040713	Ultrasonic operation apparatus for performing follow-up control of resonance frequency drive of ultrasonic oscillator by digital PLL system using DDS (direct digital synthesizer)	600/447	600/437; 600/443; 600/459	Sakurai; Tomohisa et al.
US 6759666 B2	USPAT	20040706	Method and apparatus for charged particle beam exposure	250/492.22	250/492.2; 250/492.23	Nagata; Koji et al.
US 6751144 B2	USPAT	20040615	Semiconductor storage and method for testing the same	365/222	365/229; 365/233.5	Takahashi; Hiroyuki et al.
US 6749216 B2	USPAT	20040615	Head protecting air bag device	280/730.2	280/740; 280/742	Tanase; Toshinori et al.
US 6747622 B2	USPAT	20040608	Liquid crystal display device	345/87	345/100; 345/205; 345/206; 345/207; 345/208; 345/209; 345/211; 345/212; 345/88; 345/89; 345/92; 345/94; 345/96; 345/98	Takahashi; Hiroyuki et al.
US 6741808 B2	USPAT	20040525	Camera system having a communication system between a camera body and a photographing lens	396/303	396/532	Uenaka; Yukio et al.
US 6728158 B2	USPAT	20040427	Semiconductor memory device	365/225.7	326/10; 327/525; 327/526; 365/201; 365/205	Takahashi; Hiroyuki et al.

US 6727999 B1	USPAT	20040427	Image formation system	358/1.15	270/1.02; 270/52.02; 358/1.16; 399/1; 399/403	Takahashi; Hiroyuki
US 6724664 B2	USPAT	20040420	Low-amplitude driver circuit	365/189.05	327/108; 327/112; 365/189.09; 365/189.11	Takahashi; Hiroyuki
US 6714479 B2	USPAT	20040330	Semiconductor memory and control method	365/233.5	365/206; 365/222	Takahashi; Hiroyuki et al.
US 6707992 B2	USPAT	20040316	Camera system having a communication system between a camera body and a photographing lens	396/71	396/529	Uenaka; Yukio et al.
US 6705640 B2	USPAT	20040316	Head-protection airbag device	280/730.2	280/743.1	Takahashi; Hiroyuki
US 6703619 B2	USPAT	20040309	Multi-grid type microstrip gas chamber	250/385.1	250/374	Takahashi; Hiroyuki
US 6700412 B2	USPAT	20040302	Semiconductor device	326/119	326/112; 326/121	Takahashi; Hiroyuki
US 6697167 B1	USPAT	20040224	Image processing apparatus and method	358/1.9	358/518	Takahashi; Hiroyuki
US 6687166 B1	USPAT	20040203	Bus interface circuit and receiver circuit	365/189.05	326/26; 326/27; 365/203; 365/207; 365/208; 365/227	Takahashi; Hiroyuki et al.
US 6683967 B1	USPAT	20040127	Area extraction method, address area extraction method, address area extraction apparatus, and image processing apparatus	382/101	382/180	Takahashi; Hiroyasu
US 6679875 B2	USPAT	20040120	Medical treatment system	606/1	606/34; 606/41	Honda; Yoshitaka et al.
US 6674965 B2	USPAT	20040106	Electric power control device for camera	396/277	396/303; 396/85	Takahashi; Hiroyuki
US 6669690 B1	USPAT	20031230	Ultrasound treatment system	606/40	606/169; 606/49; 606/51; 606/52	Okada; Mitsumasa et al.
US 6666875 B1	USPAT	20031223	Surgical apparatus permitting recharge of battery-driven surgical instrument in noncontact state	606/169	30/DIG.1	Sakurai; Tomohisa et al.
US 6666860 B1	USPAT	20031223	Electric treatment system	606/34		Takahashi; Hiroyuki
US 6663623 B1	USPAT	20031216	Electric surgical operation apparatus	606/38	606/37; 606/42	Oyama; Masahide et al.

US 6655451 B2	USPAT	20031202	Heat transfer tube for falling film type evaporator	165/179	138/38; 165/133; 165/184	Tada; Yoshio et al.
US 6654495 B1	USPAT	20031125	Method and apparatus for removing ruled lines	382/178	382/257	Katoh; Shin et al.
US 6646956 B2	USPAT	20031111	One-shot signal generating circuit	365/233.5	365/189.11; 365/233	Takahashi; Hiroyuki et al.
US 6645440 B1	USPAT	20031111	Thermal decomposition furnace for exhaust gas	422/186.04		Takahashi; Hiroyuki et al.
US 6636078 B2	USPAT	20031021	Semiconductor device having a reduced leakage current	326/121	257/E27.06; 326/112; 326/119; 326/34	Takahashi; Hiroyuki
US 6623423 B2	USPAT	20030923	Surgical operation system	600/104	606/1; 606/10; 606/167; 606/170; 606/34; 606/46	Sakurai; Tomohisa et al.
US 6616588 B2	USPAT	20030909	Centrifugal separator with rotor identification	494/10		Takahashi; Hiroyuki et al.
US 6610236 B1	USPAT	20030826	Resin molded article and method for producing the same	264/234	525/199; 525/200; 525/227; 525/245; 525/276; 525/408; 525/55	Yamaguchi; Fumihiko et al.
US 6607213 B2	USPAT	20030819	Gas generating device for air bag and air bag inflating method	280/736	280/741	Yamamori; Kiyoshi et al.
US 6603345 B2	USPAT	20030805	Semiconductor device with reduced leakage of current	327/534		Takahashi; Hiroyuki
US 6603334 B1	USPAT	20030805	Low-amplitude driver circuit	327/108	327/112	Takahashi; Hiroyuki
US 6569109 B2	USPAT	20030527	Ultrasonic operation apparatus for performing follow-up control of resonance frequency drive of ultrasonic oscillator by digital PLL system using DDS (direct digital synthesizer)	601/2	606/27; 607/2	Sakurai; Tomohisa et al.
US 6556482 B2	USPAT	20030429	Semiconductor memory device	365/189.01	365/189.04	Shimoyama; Takato et al.
US 6545892 B2	USPAT	20030408	Semiconductor integrated circuit having logic circuit comprising transistors with lower threshold voltage values and improved pattern layout	365/51	326/106; 365/230.06; 365/63	Takano; Susumu et al.
US 6522789	USPAT	20030218	Apparatus and method	382/284	358/540	Takahashi;



B2			for processing images			Hiroyuki et al.
US 6522181 B1	USPAT	20030218	Semiconductor memory apparatus which can easily attain reduction of access time	327/141	327/161	Takahashi; Hiroyuki
US 6518810 B1	USPAT	20030211	Latch circuit and register circuit	327/202	327/203	Takahashi; Hiroyuki
US 6483943 B1	USPAT	20021119	Feature value extraction methods and apparatus for image recognition and storage medium for storing image analysis program	382/199	382/203; 382/205; 382/266	Takahashi; Hiroyasu
US 6474691 B2	USPAT	20021105	Seat belt guide	280/801.1	280/801.2; 280/807; 297/483	Izume; Tomoharu et al.
US 6474134 B1	USPAT	20021105	Method for adjusting sensitivity of acceleration sensor	73/1.38	29/25.35; 29/595; 73/514.34	Takahashi; Hiroyuki et al.
US 6464696 B1	USPAT	20021015	Electrical surgical operating apparatus	606/34	606/37; 606/38	Oyama; Masahide et al.
US 6462782 B1	USPAT	20021008	Data extraction circuit used for reproduction of character data	348/465	348/461; 348/468; 725/137	Honda; Yoshitaka et al.
US 6456559 B1	USPAT	20020924	Semiconductor integrated circuit	365/230.06	365/189.11	Takahashi; Hiroyuki et al.
US 6456549 B1	USPAT	20020924	Sense amplifier circuit and semiconductor storage device	365/207	365/191; 365/202; 365/205; 365/206	Sudo; Naoaki et al.
US 6456548 B2	USPAT	20020924	Sense amplifier circuit and semiconductor storage device	365/207	365/191; 365/202; 365/205; 365/206; 365/63	Sudo; Naoaki et al.
US 6445215 B1	USPAT	20020903	Logic circuit with single charge pulling out transistor and semiconductor integrated circuit using the same	326/105	326/112	Takahashi; Hiroyuki et al.